

FIG. I

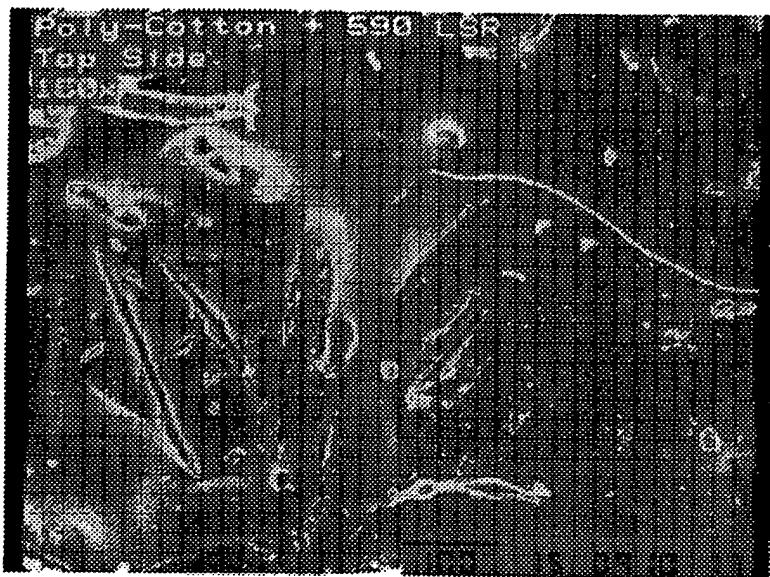


FIG. 2

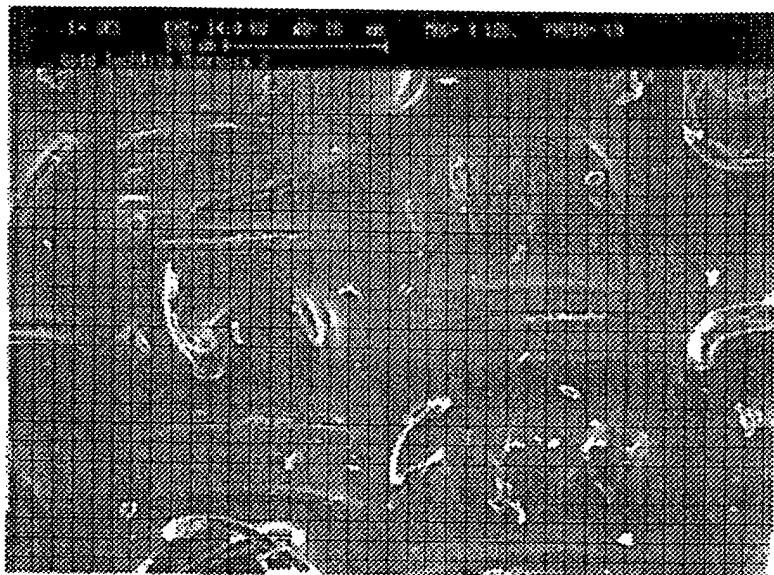


FIG. 3a

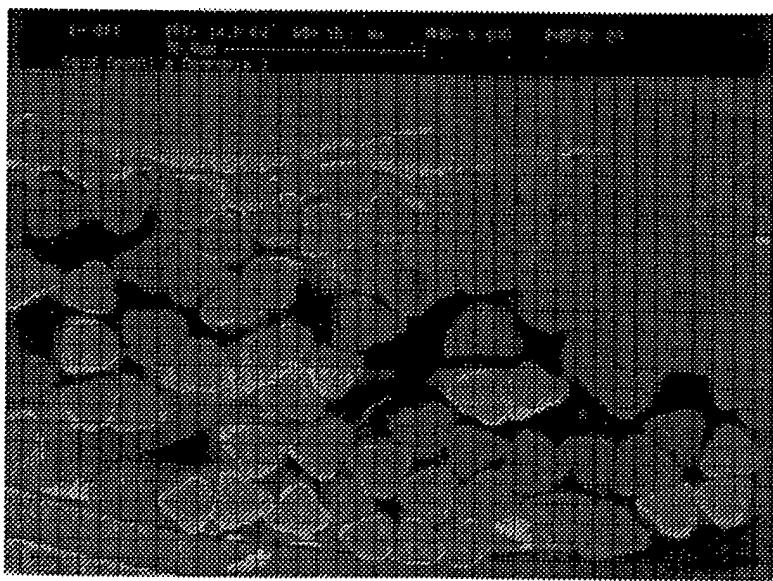


FIG. 3b

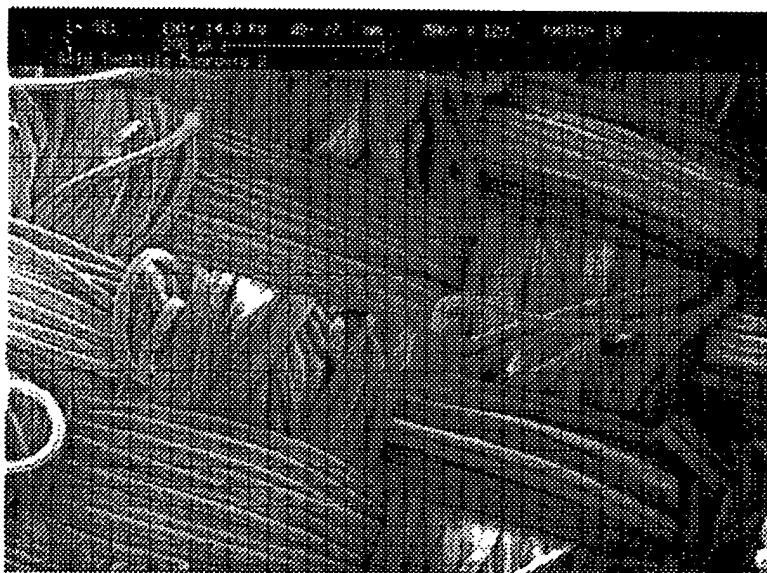


FIG. 3c

FIG. 4a

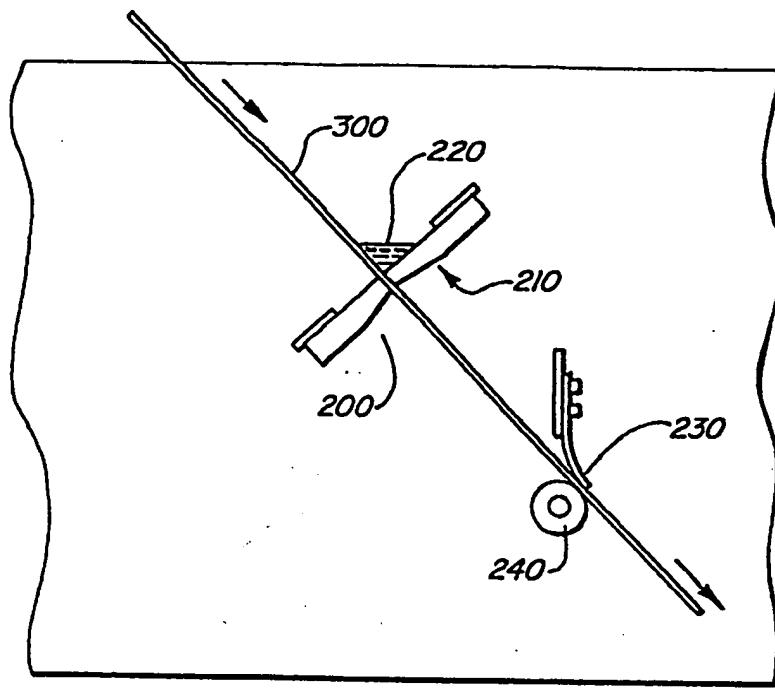
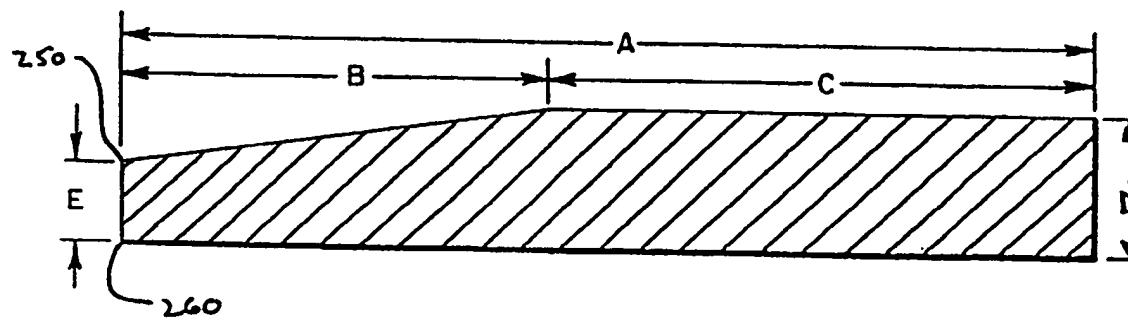


FIG. 4b



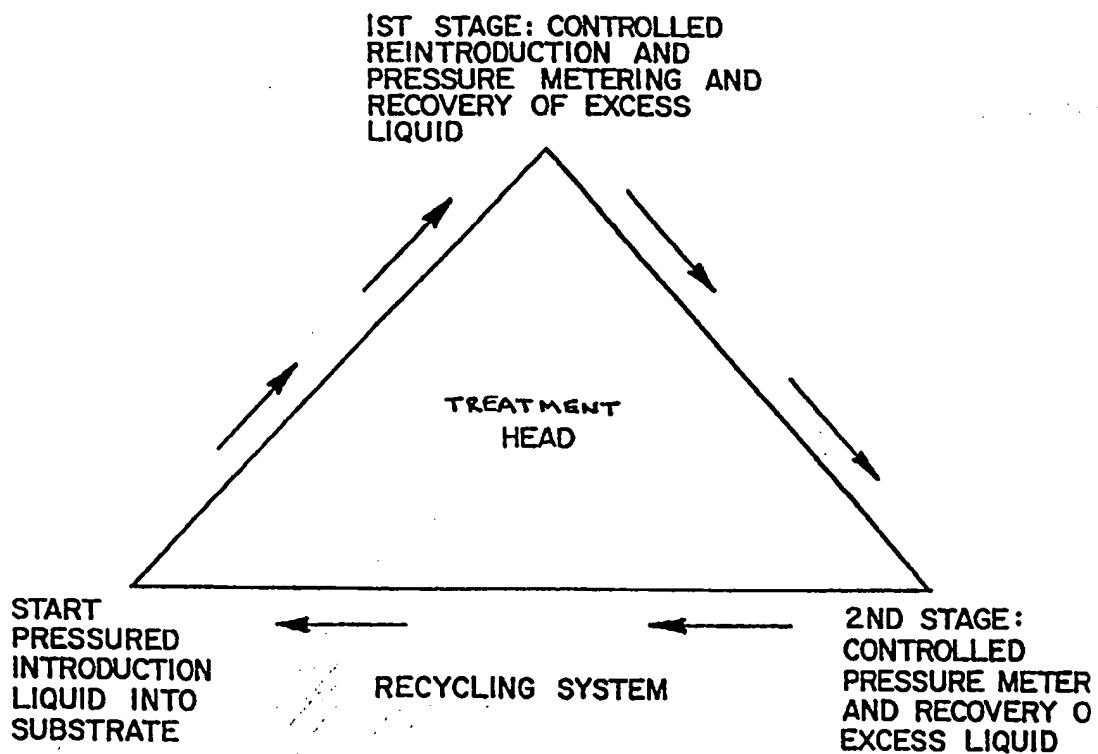


FIG. 5

FIG. 6

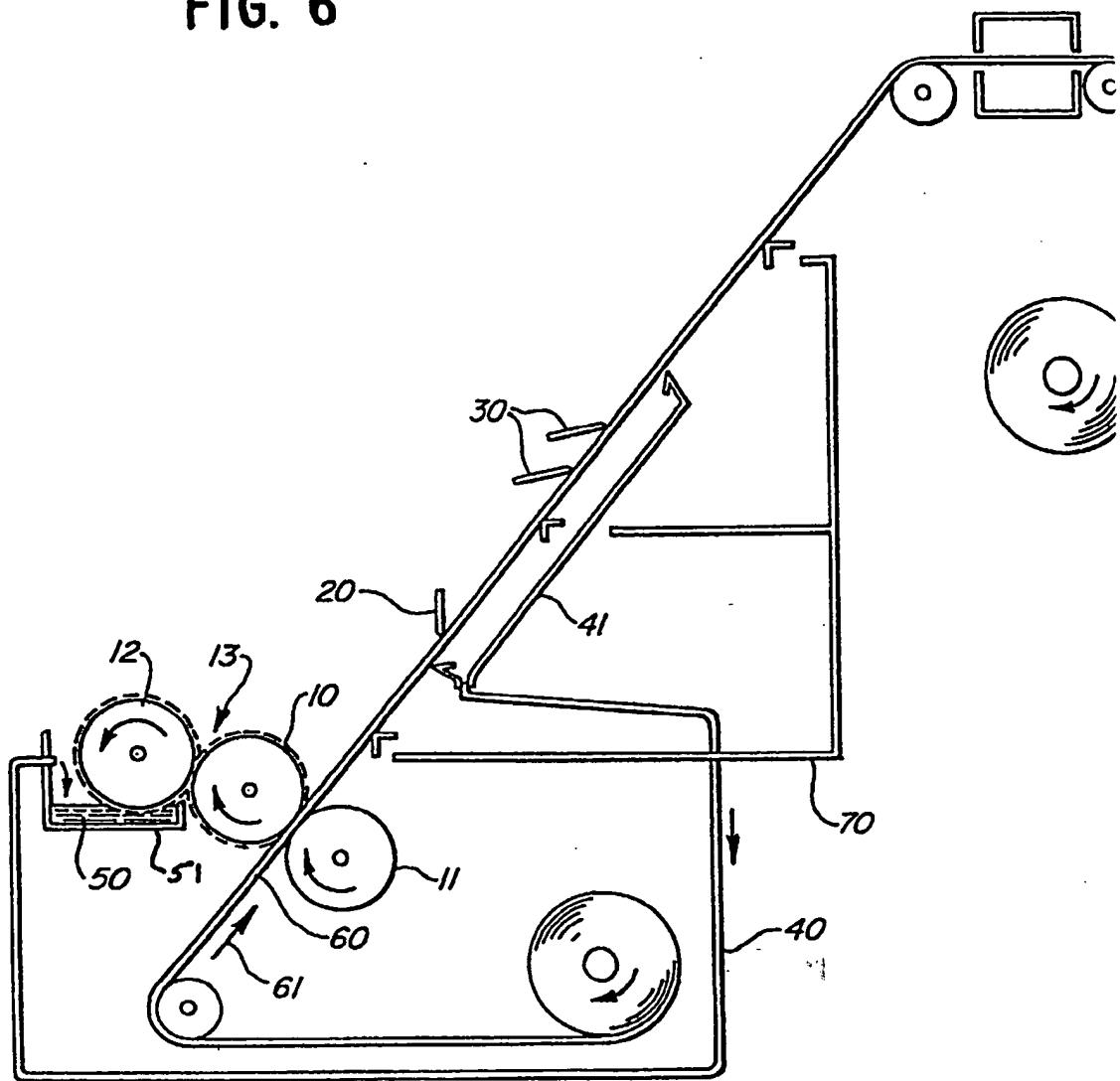


FIG. 7

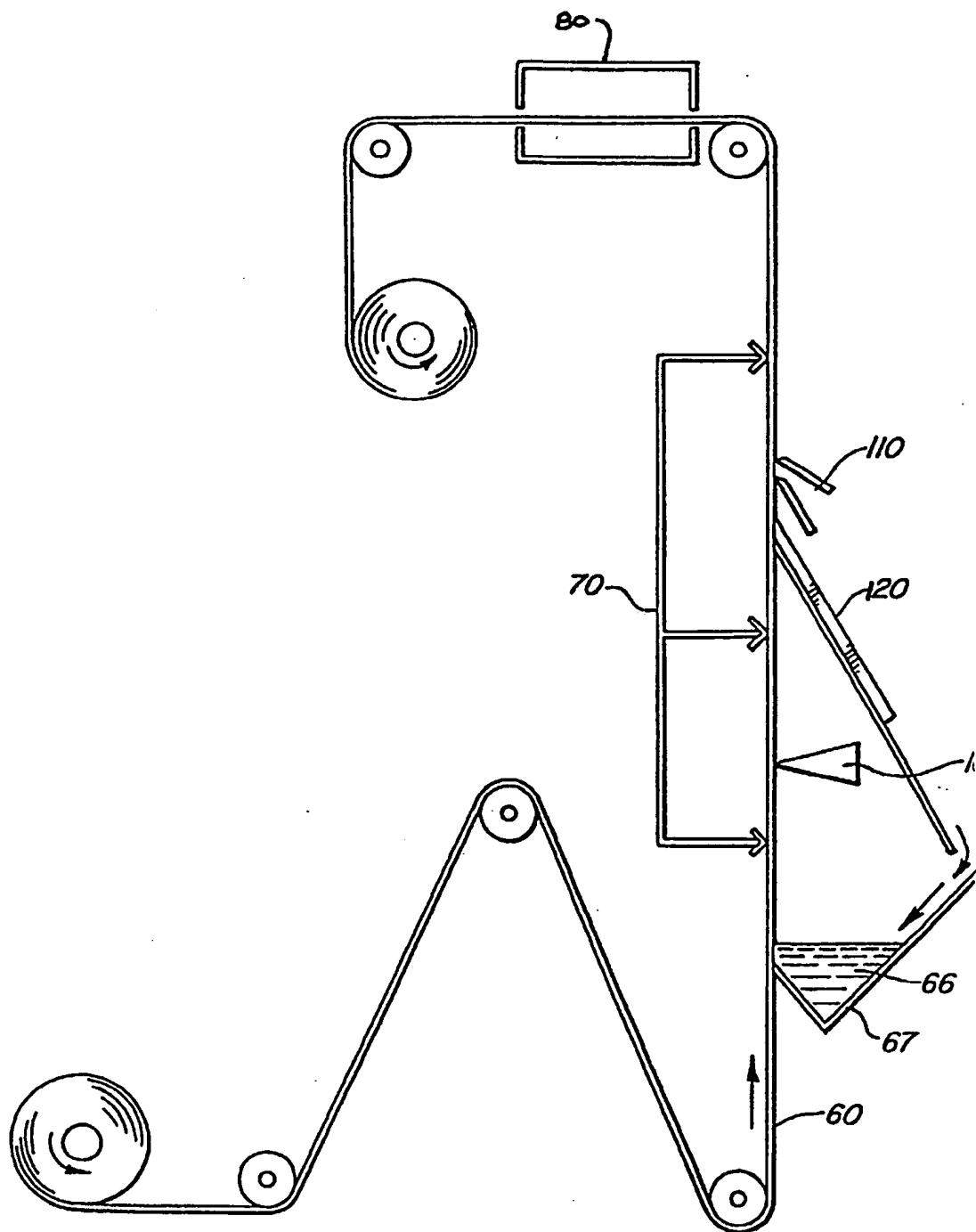


FIG. 8a PRIOR ART

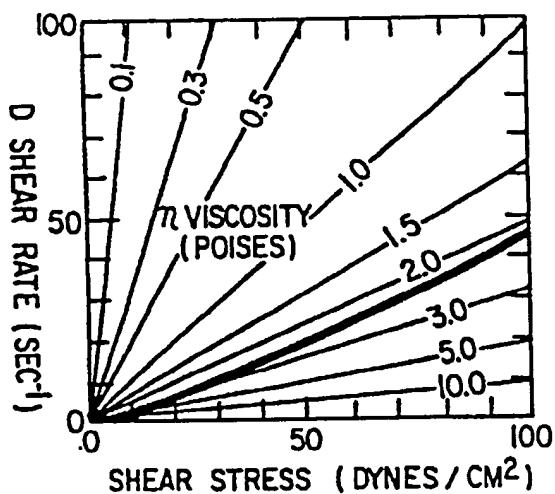


FIG. 8b PRIOR ART

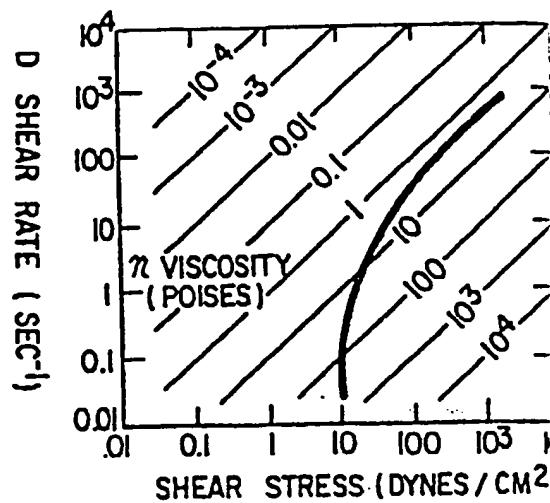


FIG. 8c PRIOR ART

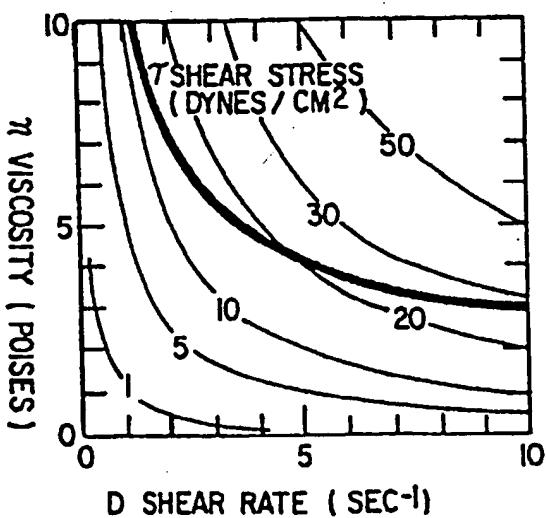


FIG. 8d PRIOR ART

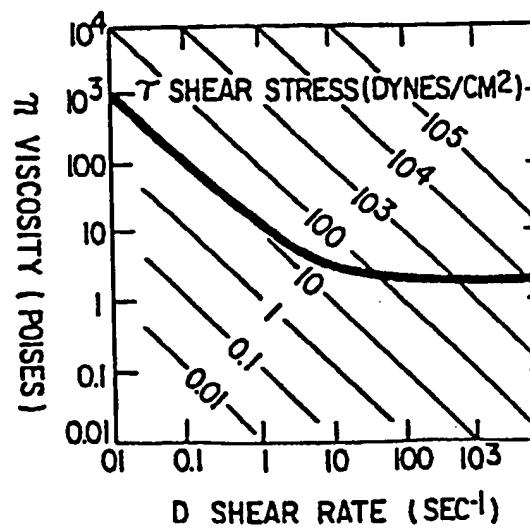


FIG. 9 PRIOR ART

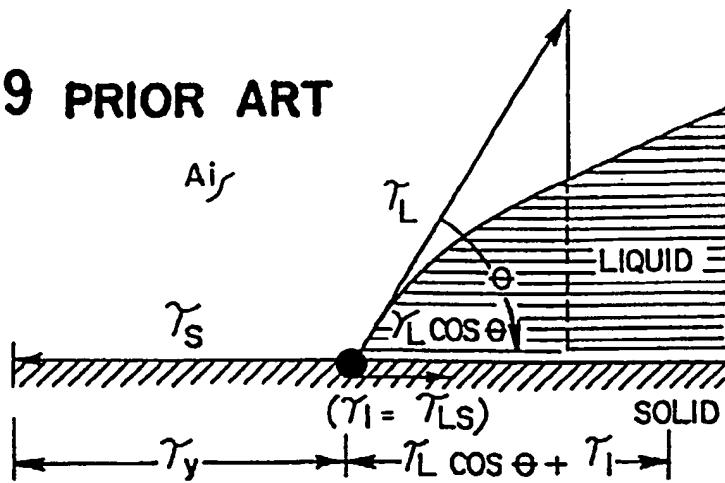
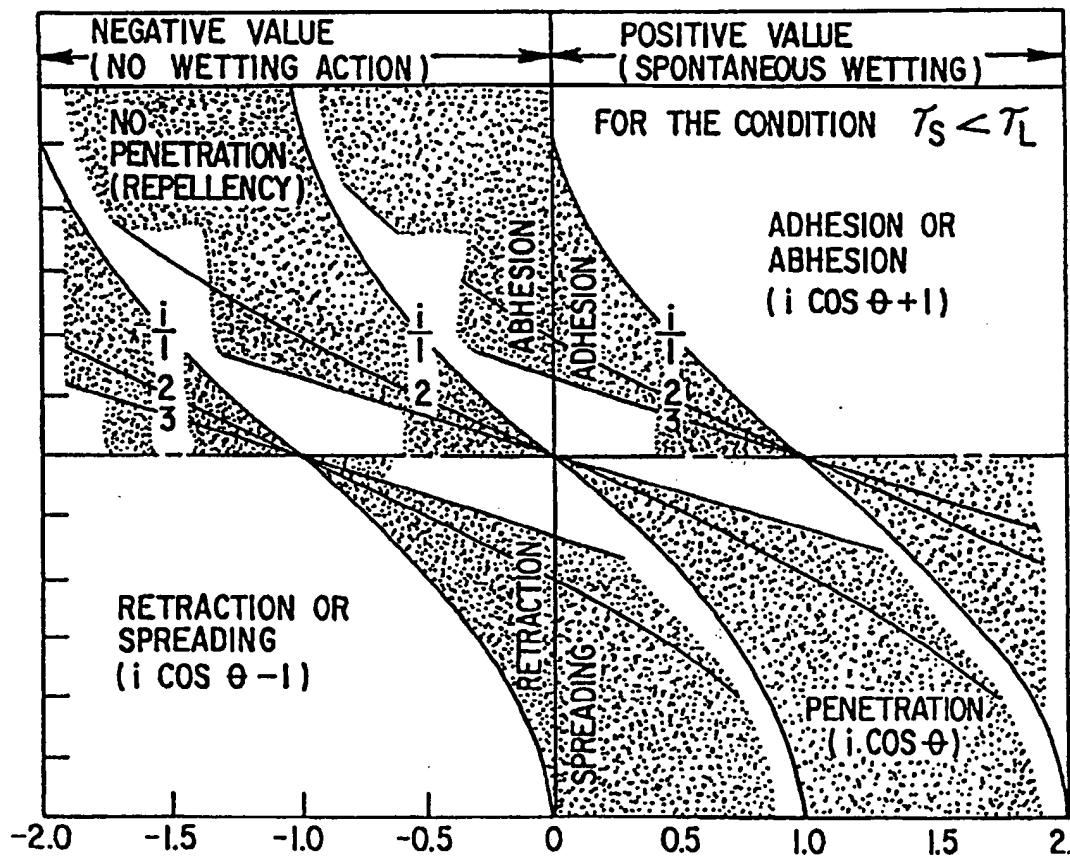


FIG. 10 PRIOR ART



FUNCTION OF θ AND i AS INDICATED ON DIAGRAM FOR
ADHESION, PENETRATION, AND SPREADING, RESPECTIVELY

FIG. IIa PRIOR ART

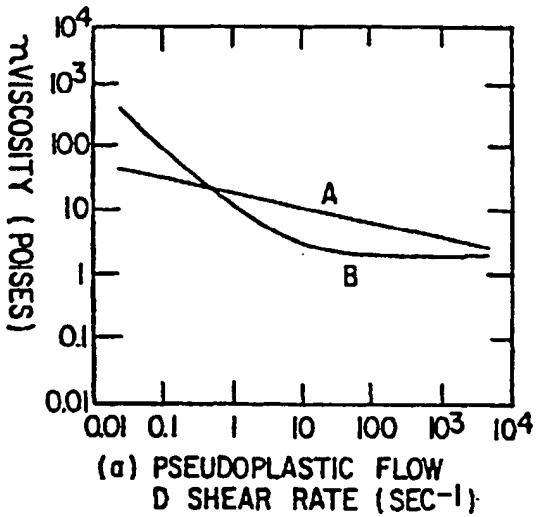


FIG. IIb PRIOR ART

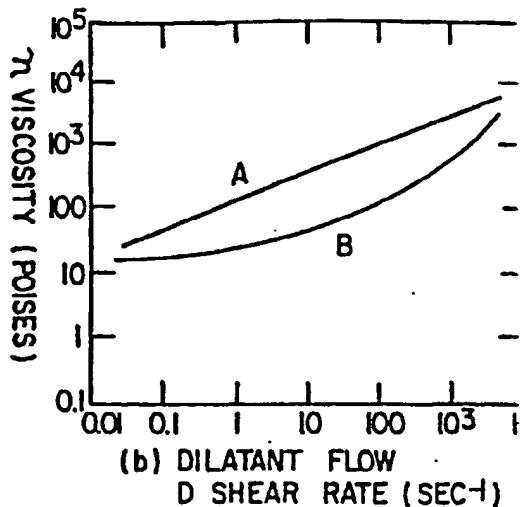


FIG. IIc PRIOR ART

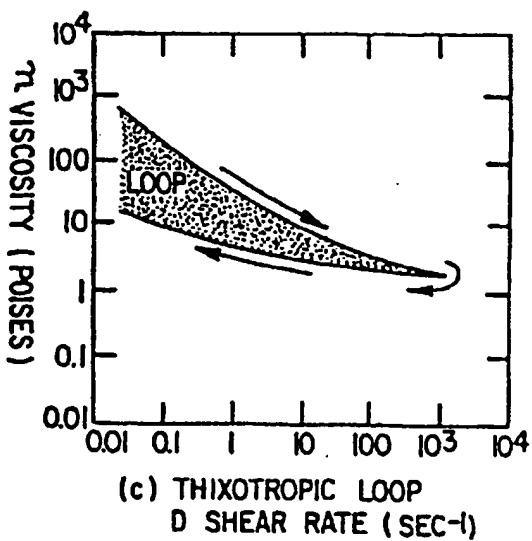
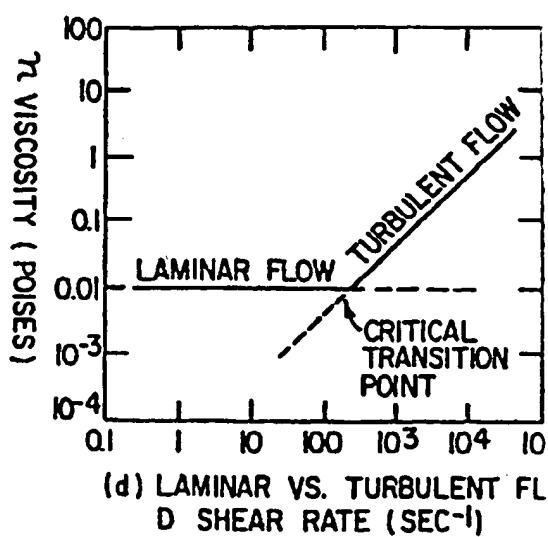
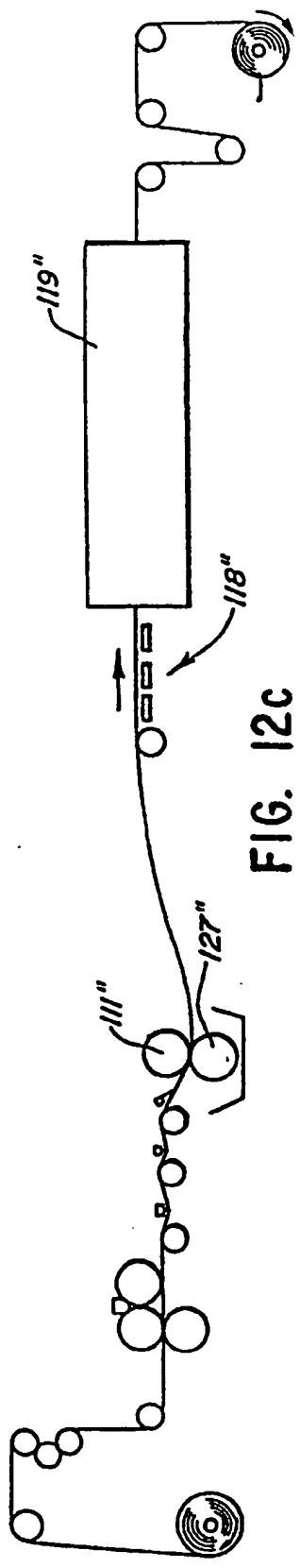
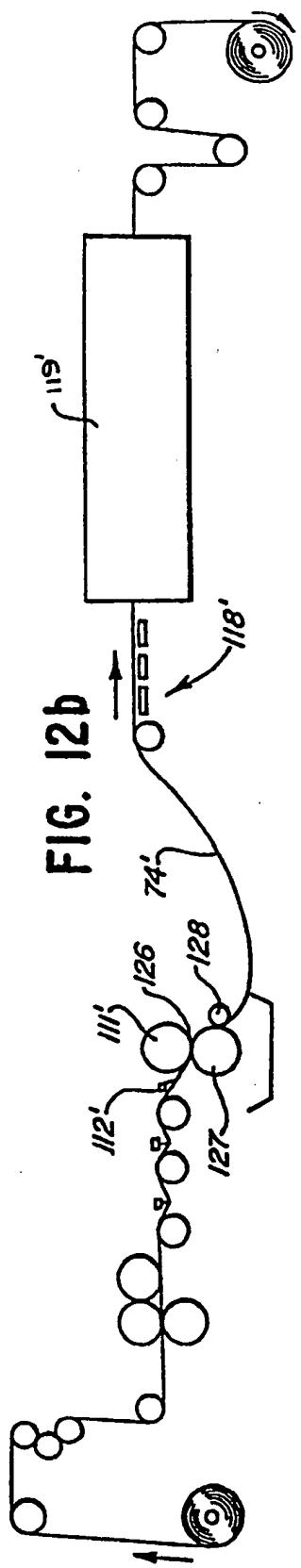
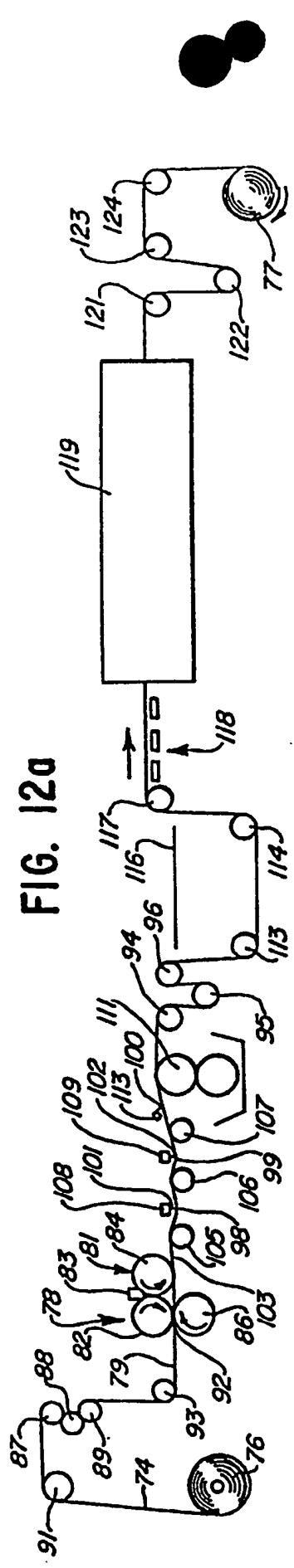


FIG. IIId PRIOR ART





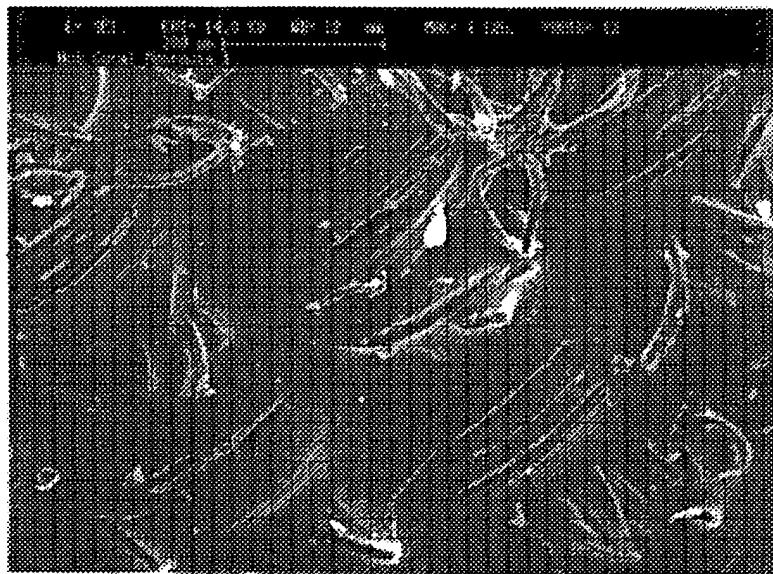


FIG. 13a

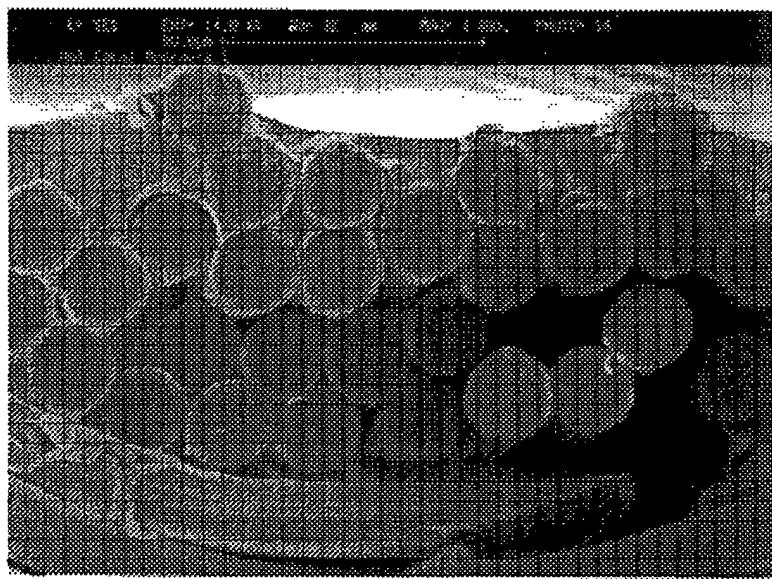


FIG. 13b

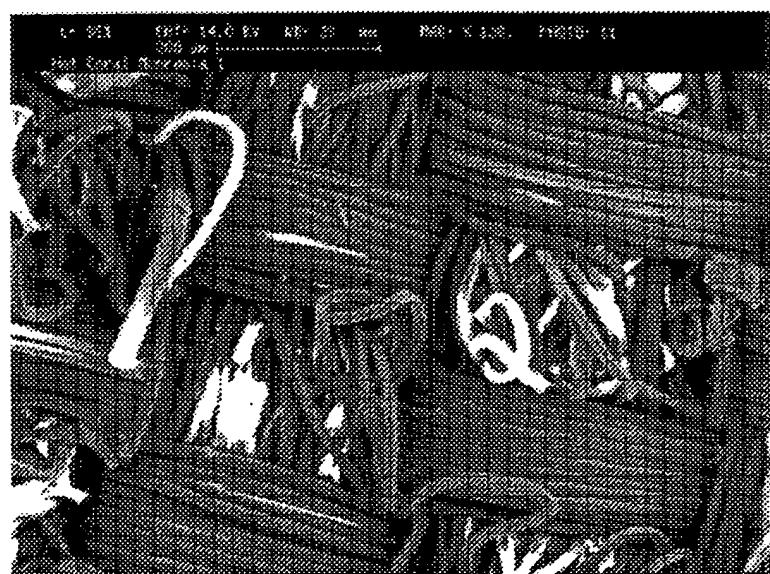


FIG. 13c

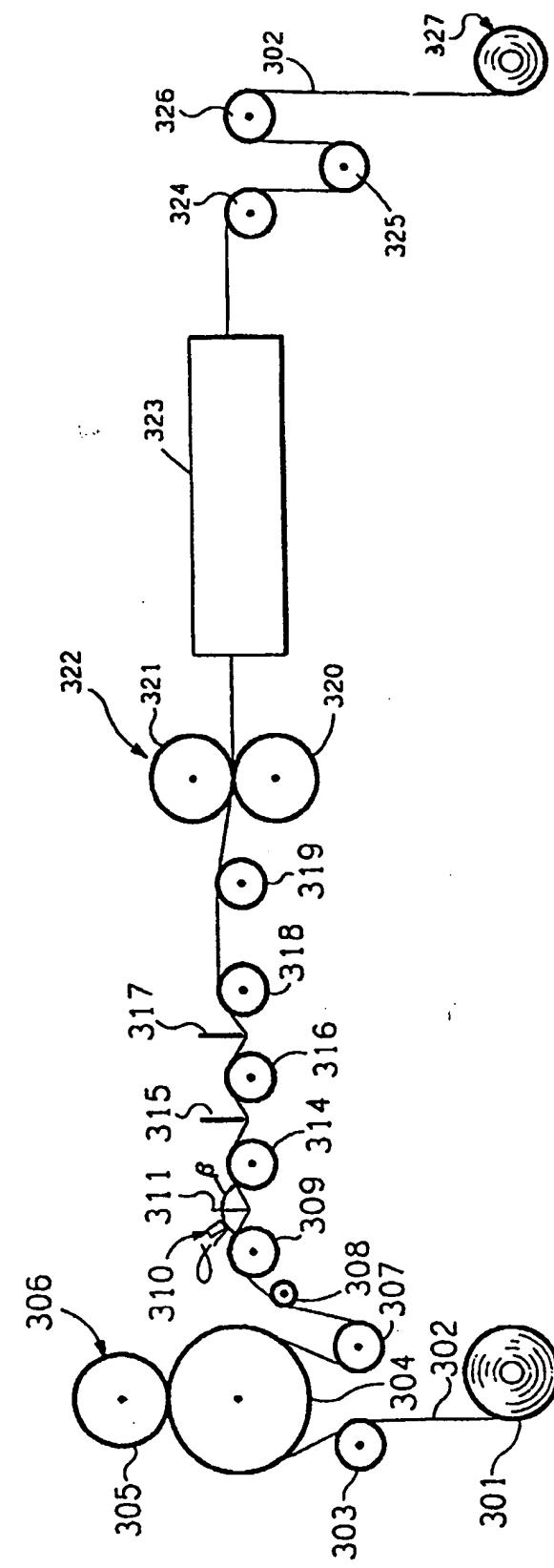


FIG. 14

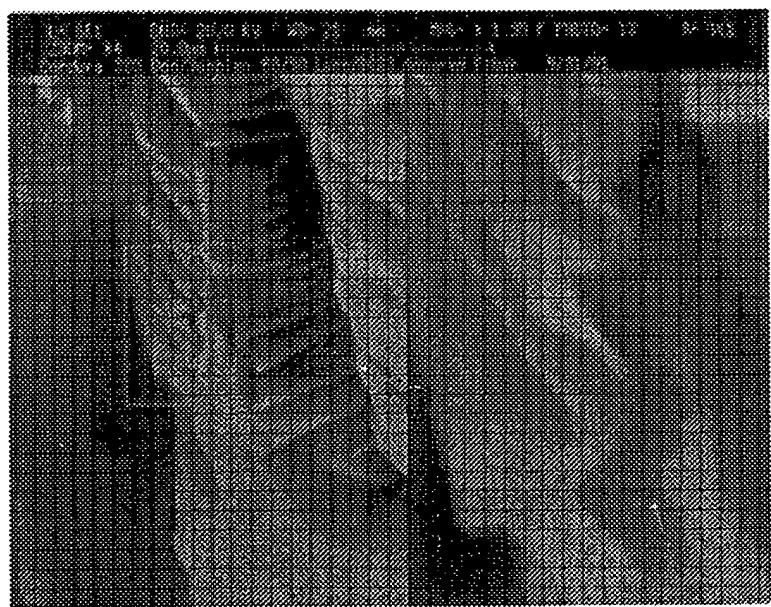


FIG. 15a

06962700 1110297

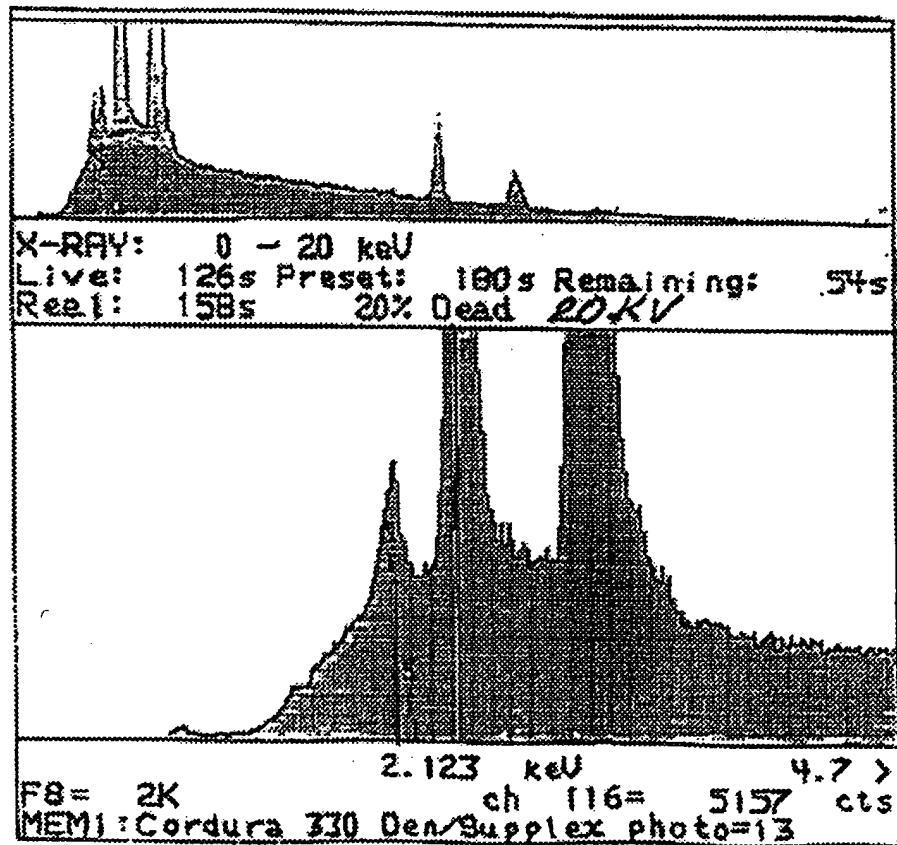


FIG. 15b

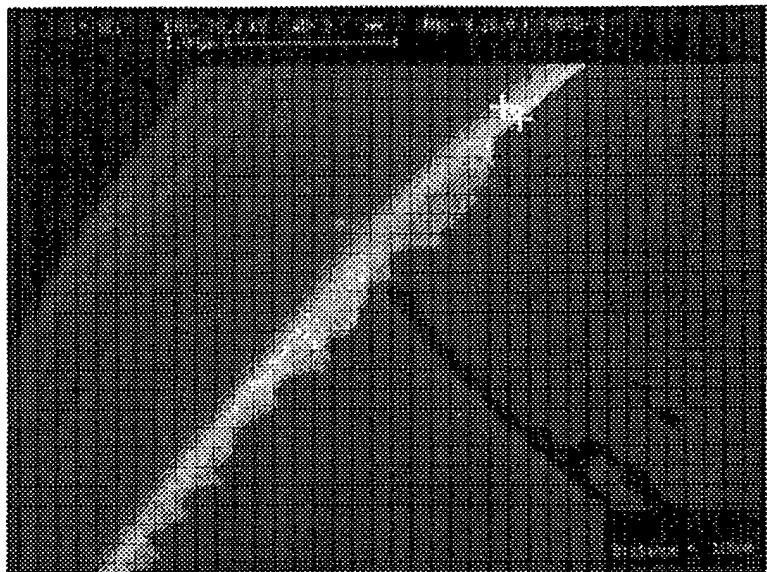


FIG. 15c

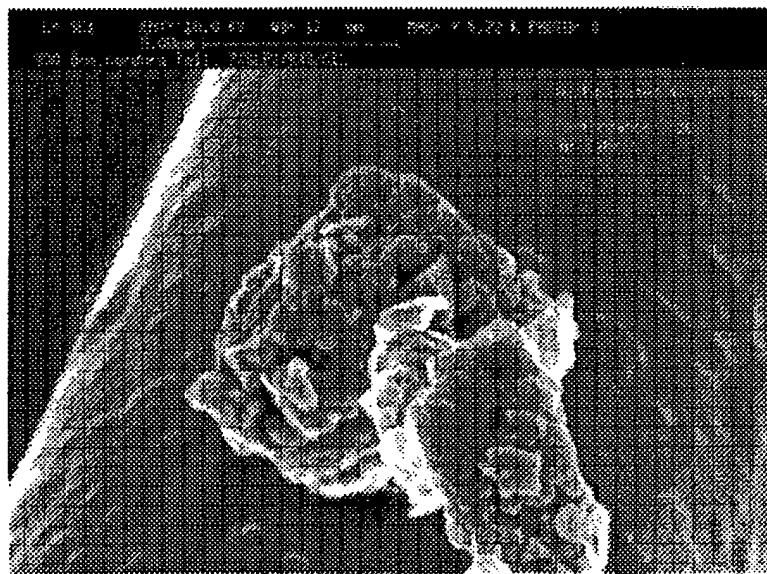


FIG. 15d

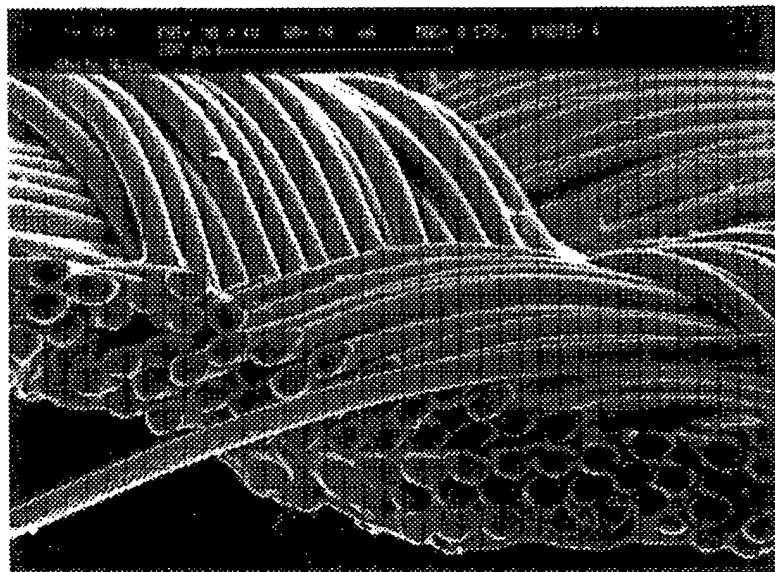


FIG. 15e

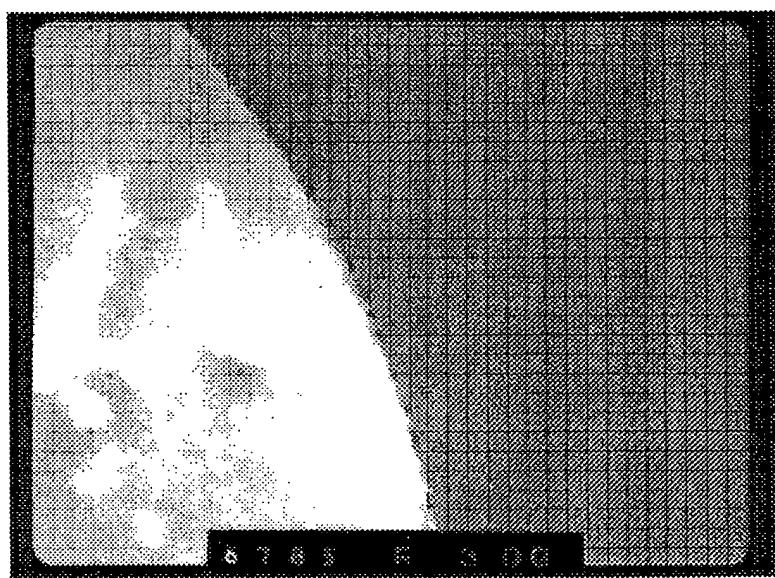


FIG. 15f

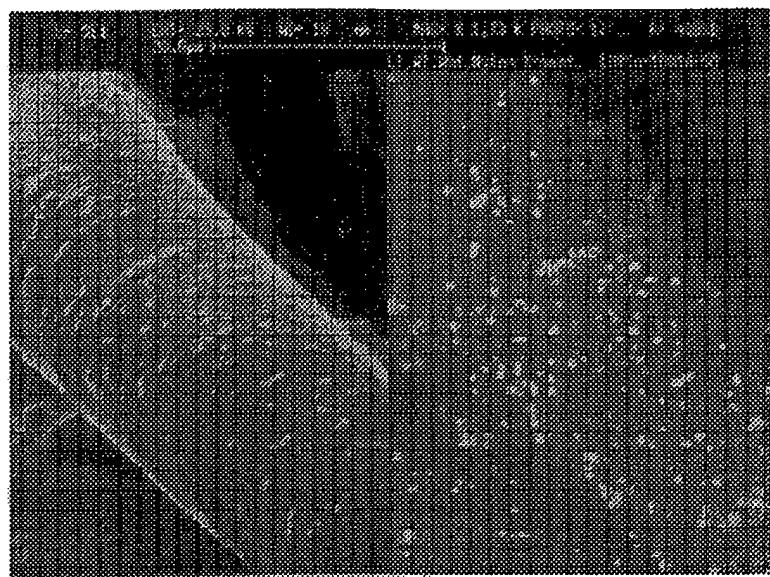


FIG. 15g

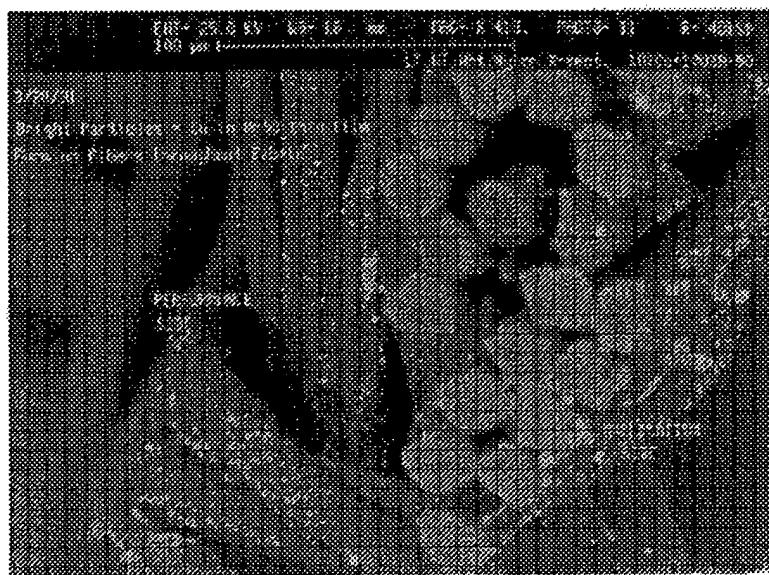


FIG. 15h

00062700 "110397

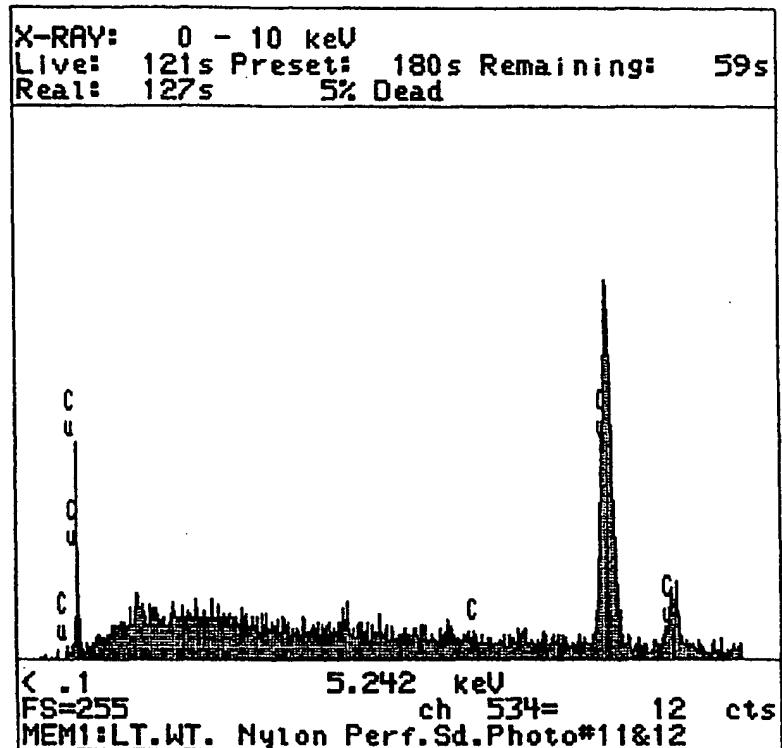


FIG. 15i